(19) World Intellectual Property Organization

International Bureau

(43) International Publication Date 24 December 2003 (24.12.2003)

(10) International Publication Number

(51) International Patent Classification?:

WO 2003/106130 A3

E21B 43/10

(21) International Application Number:

PCT/US2003/018530

(22) International Filing Date:

12 June 2003 (12.06.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/387,961

12 June 2002 (12.06.2002)

(71) Applicant: EVENTURE GLOBAL TECHNOLOGY [US/US]; 16200 A Park Row, Houston, TX 77084 (US).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): WATSON, Brock, Wayne [US/US]; 2535 Marsh Lane #1004, Carrollton, TX 75006 (US). BRISCO, David, Paul [US/US]; 405 Westridge Drive, Duncan, OK 73533 (US).
- (74) Agents: MATTINGLY, Todd et al.; Haynes and Boone, LLP, Suite 4300, 1000 Louisiana, Houston, TX 77002-5012 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

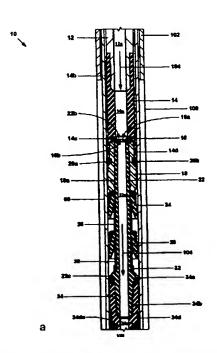
Published:

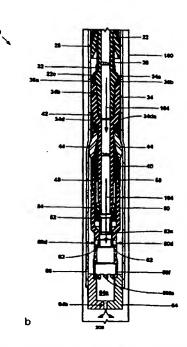
with international search report

(88) Date of publication of the international search report: 23 September 2004

[Continued on next page]

(54) Title: COLLAPSIBLE EXPANSION CONE





(57) Abstract: An apparatus (910) for radially expanding and plastically deforming an expandable tubular member (66) includes a collapsible expansion cone (44, 46).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International application No.

		PCT/U	S03/18530	
A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : E21B 43/10				
US CL : 166/207,217,382				
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
U.S. : 166/207,217,382,121,212,216,387				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
the second section of the second seco				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms need)				
<u> </u>				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Cotroser 2 Clark and 1 and 1 and 1				
X				
1 ^	US 3,691,624 A (KINLEY) 19 September 1972 (19 and columns 3 and 4.	ייטאינאיז), see especially Figi	are 1-3 26, 29	
A	TIE 2 CAL MIC A CHOTTED DAY			
"	30-33			
l '			Į.	
			l l	
			[
	,			
[•			
Purther	documents are listed in the continuation of Box C.	See patent family a	nnex.	
• 8	profes categories of ched documents:	"T" later document publishe	d after the international filing date or priority	
"A" document	defining the general state of the art which is not considered to be	date and not in conflict principle or theory unde	with the application but cited to undentand the	
of partice	by reparate			
"R" carller as	plication or natest sublished on or after the international filling date	"X" document of particular a	relevance; the claimed invention cannot be	
		when the document is to	are an completed to married at madelial bitch	
"L" document	which may throw doubts on priority claim(s) or which is cited to the publication date of snother citation or other special reason (as	"Y" document of particular s		
specified	se benneard and a water control of other shorter teners (m		relevance; the claimed invention cannot be a inventive step when the document is	
"O" document	referring to an oral disclosure, use, exhibition or other means	combined with one or m being obvious to a perso	tore other such documents, such combination	
		todag covince to a person	at sented in the firt	
"P" document	published prior to the international filing date but later than the late claimed	"&" document member of th	e same patent family	
Date of the actual completion of the international search		Date of mailing of the international search report		
02 June 2004 (02.05.2004)		DA JUNIZAMA		
Name and mailing address of the ISA/US		Authorized officer		
Danii Stop PCT, Attn: ISA/US		WILLIAM P. NEUDER V Hood go		
Commissioner for Patents		WILLIAM P. NEUDER V +) OT Y		
P.O. Box 1450 Alexandrin, Vinginin 22313-1450		Telephone No. (703) 308-2150		
	Facsimile No. (703) 305-3230			

Form PCT/ISA/210 (second sheet) (July 1998)